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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/693,183	10/24/2003	Paul A. Knight	KT-0301	9490

7590 07/29/2004  
KnuBox Technologies  
4127 South Hatch Street  
Spokane, WA 99203

EXAMINER

DOUGLAS, STEVEN O

ART UNIT PAPER NUMBER

3751

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/693,183

Applicant(s)

KNIGHT ET AL.

Examiner

Steven O. Douglas

Art Unit

3751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 07152004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4,6-10,12-18 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kerssies'364.

The Kerssies reference discloses a fuel dispensing nozzle with a spout 2 having first inside and a second outside surface, but does not disclose either the first or second surfaces being made of a material having a surface energy less than aluminum (i.e. a surface energy less than 30 dynes per centimeter). It would have been obvious to one of ordinary skill in the art at the time the invention was made to make either one of the surfaces, as well as both surfaces, of a material having a surface energy less than 30 dynes per centimeter (i.e. such a material can be a fluoropolymer which is well known and has inherent electrical insulation properties), since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416.

In regard to claims 13-18 and 20, the method as claimed would be inherent during the normal use and manufacturing of the resulting device.

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Claims 1,2,5,6,7,8,11,12,13 and 16-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Slattery.

The Slattery reference discloses a fuel dispensing nozzle with a spout 4 having first inside and a second outside surface with associated ribs associated with collar 29, but does not disclose either the first or second surfaces being made of a material having a surface energy less than aluminum (i.e. a surface energy less than 30 dynes per centimeter). It would have been obvious to one of ordinary skill in the art at the time the invention was made to make either one of the surfaces, as well as both surfaces, of a material having a surface energy less than 30 dynes per centimeter (i.e. such a material can be a fluoropolymer which is well known and has inherent electrical insulation properties), since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416.

In regard to claims 13 and 16-20, the method as claimed would be inherent during the normal use and manufacturing of the resulting device.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Foster reference pertains to a fuel hose with associated insulating surfaces.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven O. Douglas whose telephone number is 703-308-0891.

The examiner can normally be reached on Wed-Fri 6:30-7:00.

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The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Steven O. Douglas  
Primary Examiner  
Art Unit 3751

SD  
7-28-04